

01-14-02

A

Please type a plus sign (+) inside this box →



PTO/SB/05 (12/87)

Approved for use through 09/30/00. OMB 0651-003
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	ITWO:0015	Total Pages	43
	First Named Inventor or Application Identifier Jason K. Trotter et al.			
	Express Mail Label No.			
	EL 827 071 855 US			

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Specification <i>Total Pages 22</i> <i>(preferred arrangement set forth below)</i> -Descriptive -Cross References to Related Application -Statement Regarding Fed sponsored R & D -Reference to Microfiche Appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings <i>(if filed)</i> -Detailed Description -Claim(s) -Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) <i>(35 USC 113)</i> <i>Total Sheets 4</i> <i>Total Pages 12</i> 4. Oath or Declaration a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>(Note Box 5 below)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i> 7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies	ACCOMPANYING APPLICATION PARTS 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(where there is an assignee)</i> 10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application Statement(s) Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input checked="" type="checkbox"/> Other PTO-2038	
17. <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: ____/____			

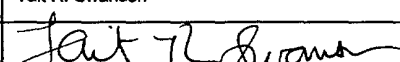
18. CORRESPONDENCE ADDRESS <input type="checkbox"/> Customer Number or Bar Code Label <input type="checkbox"/> Correspondence address below <i>(Insert Customer No. or Attach bar code label here)</i>					
NAME	Tait R. Swanson				
	Fletcher, Yoder & Van Someren				
ADDRESS	P.O. Box 692289				
CITY	Houston	STATE	Texas	ZIP CODE	77269-2289
COUNTRY	USA	TELEPHONE	(281) 970-4545	Fax	(281) 970-4503

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		Complete if Known		
		Application Number	Unassigned	
		Filing Date	Herewith	
		First Named Inventor	Jason K. Trotter et al.	
		Group Art Unit		
TOTAL AMOUNT OF PAYMENT (\$)		1,422.00	Attorney Docket Number	ITWO:0015/YOD

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																															
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 06-1315/ITWO:0015/YOD Deposit Account Name Fletcher, Yoder & Van Someren <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>—</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing or cover sheet.</td><td>—</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>—</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td>—</td></tr> <tr><td>112</td><td>920</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td>—</td></tr> <tr><td>113</td><td>1,840</td><td>113</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td>—</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td>—</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td>—</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for response within third month</td><td>—</td></tr> <tr><td>118</td><td>1,570</td><td>218</td><td>755</td><td>Extension for response within fourth month</td><td>—</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td>—</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td>—</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td>—</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>—</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td>—</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive unintentionally abandoned application</td><td>—</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td>—</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td>—</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td>—</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>—</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td>—</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td>—</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>—</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>—</td></tr> <tr><td colspan="5">Other fee (specify) —</td><td>—</td></tr> <tr><td colspan="5">Other fee (specify) —</td><td>—</td></tr> <tr><td colspan="5">SUBTOTAL (3)</td><td>(\$) 40.00</td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	—	127	50	227	25	Surcharge - late provisional filing or cover sheet.	—	139	130	139	130	Non-English specification	—	147	2,520	147	2,520	For filing a request for reexamination	—	112	920	112	920	Requesting publication of SIR prior to Examiner action	—	113	1,840	113	1,840	Requesting publication of SIR after Examiner action	—	115	110	215	55	Extension for response within first month	—	116	400	216	200	Extension for response within second month	—	117	950	217	475	Extension for response within third month	—	118	1,570	218	755	Extension for response within fourth month	—	119	310	219	155	Notice of Appeal	—	120	310	220	155	Filing a brief in support of an appeal	—	121	270	221	135	Request for oral hearing	—	138	1,510	138	1,510	Petition to institute a public use proceeding	—	140	110	240	55	Petition to revive unavoidably abandoned application	—	141	1,320	241	660	Petition to revive unintentionally abandoned application	—	142	1,320	242	660	Utility issue fee (or reissue)	—	143	450	243	225	Design issue fee	—	144	670	244	335	Plant issue fee	—	122	130	122	130	Petitions to the Commissioner	—	123	50	123	50	Petitions related to provisional applications	—	126	240	126	240	Submission of Information Disclosure Stmt	—	581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	—	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	—	Other fee (specify) —					—	Other fee (specify) —					—	SUBTOTAL (3)					(\$) 40.00
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
105	130	205	65	Surcharge - late filing fee or oath	—																																																																																																																																																																												
127	50	227	25	Surcharge - late provisional filing or cover sheet.	—																																																																																																																																																																												
139	130	139	130	Non-English specification	—																																																																																																																																																																												
147	2,520	147	2,520	For filing a request for reexamination	—																																																																																																																																																																												
112	920	112	920	Requesting publication of SIR prior to Examiner action	—																																																																																																																																																																												
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	—																																																																																																																																																																												
115	110	215	55	Extension for response within first month	—																																																																																																																																																																												
116	400	216	200	Extension for response within second month	—																																																																																																																																																																												
117	950	217	475	Extension for response within third month	—																																																																																																																																																																												
118	1,570	218	755	Extension for response within fourth month	—																																																																																																																																																																												
119	310	219	155	Notice of Appeal	—																																																																																																																																																																												
120	310	220	155	Filing a brief in support of an appeal	—																																																																																																																																																																												
121	270	221	135	Request for oral hearing	—																																																																																																																																																																												
138	1,510	138	1,510	Petition to institute a public use proceeding	—																																																																																																																																																																												
140	110	240	55	Petition to revive unavoidably abandoned application	—																																																																																																																																																																												
141	1,320	241	660	Petition to revive unintentionally abandoned application	—																																																																																																																																																																												
142	1,320	242	660	Utility issue fee (or reissue)	—																																																																																																																																																																												
143	450	243	225	Design issue fee	—																																																																																																																																																																												
144	670	244	335	Plant issue fee	—																																																																																																																																																																												
122	130	122	130	Petitions to the Commissioner	—																																																																																																																																																																												
123	50	123	50	Petitions related to provisional applications	—																																																																																																																																																																												
126	240	126	240	Submission of Information Disclosure Stmt	—																																																																																																																																																																												
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																												
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	—																																																																																																																																																																												
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	—																																																																																																																																																																												
Other fee (specify) —					—																																																																																																																																																																												
Other fee (specify) —					—																																																																																																																																																																												
SUBTOTAL (3)					(\$) 40.00																																																																																																																																																																												
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other PTO-2038																																																																																																																																																																																	
FEE CALCULATION (fees effective 10/01/96)																																																																																																																																																																																	
1. FILING FEE <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>740.00</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td>—</td></tr> <tr><td>107</td><td>540</td><td>207</td><td>270</td><td>Plant filing fee</td><td>—</td></tr> <tr><td>108</td><td>790</td><td>208</td><td>395</td><td>Reissue filing fee</td><td>—</td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td>—</td></tr> <tr><td colspan="5">SUBTOTAL (1)</td><td>(\$) 740.00</td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	740.00	106	330	206	165	Design filing fee	—	107	540	207	270	Plant filing fee	—	108	790	208	395	Reissue filing fee	—	114	150	214	75	Provisional filing fee	—	SUBTOTAL (1)					(\$) 740.00																																																																																																																																						
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
101	710	201	355	Utility filing fee	740.00																																																																																																																																																																												
106	330	206	165	Design filing fee	—																																																																																																																																																																												
107	540	207	270	Plant filing fee	—																																																																																																																																																																												
108	790	208	395	Reissue filing fee	—																																																																																																																																																																												
114	150	214	75	Provisional filing fee	—																																																																																																																																																																												
SUBTOTAL (1)					(\$) 740.00																																																																																																																																																																												
2. CLAIMS <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Total Claims 51 - 20 =</td><td>31</td><td>X 18</td><td>= 558.00</td></tr> <tr><td>Independent 4 - 3 =</td><td>1</td><td>X 84</td><td>= 84.00</td></tr> <tr><td>Claims</td><td></td><td></td><td></td></tr> <tr><td>Multiple Dependent Claims</td><td>0</td><td>X 0</td><td>= 0</td></tr> </tbody> </table>		Total Claims	Extra	Fee from below	Fee Paid	Total Claims 51 - 20 =	31	X 18	= 558.00	Independent 4 - 3 =	1	X 84	= 84.00	Claims				Multiple Dependent Claims	0	X 0	= 0																																																																																																																																																												
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																														
Total Claims 51 - 20 =	31	X 18	= 558.00																																																																																																																																																																														
Independent 4 - 3 =	1	X 84	= 84.00																																																																																																																																																																														
Claims																																																																																																																																																																																	
Multiple Dependent Claims	0	X 0	= 0																																																																																																																																																																														
<table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td>—</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td>—</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td><td>—</td></tr> <tr><td>109</td><td>82</td><td>209</td><td>41</td><td>Reissue independent claims over original patent</td><td>—</td></tr> <tr><td>110</td><td>22</td><td>210</td><td>11</td><td>Reissue claims in excess of 20 and over original patent</td><td>—</td></tr> <tr><td colspan="5">SUBTOTAL (2)</td><td>(\$) 642.00</td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20	—	102	84	202	40	Independent claims in excess of 3	—	104	270	204	135	Multiple dependent claim	—	109	82	209	41	Reissue independent claims over original patent	—	110	22	210	11	Reissue claims in excess of 20 and over original patent	—	SUBTOTAL (2)					(\$) 642.00																																																																																																																																						
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
103	18	203	9	Claims in excess of 20	—																																																																																																																																																																												
102	84	202	40	Independent claims in excess of 3	—																																																																																																																																																																												
104	270	204	135	Multiple dependent claim	—																																																																																																																																																																												
109	82	209	41	Reissue independent claims over original patent	—																																																																																																																																																																												
110	22	210	11	Reissue claims in excess of 20 and over original patent	—																																																																																																																																																																												
SUBTOTAL (2)					(\$) 642.00																																																																																																																																																																												

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Tait R. Swanson	Reg. Number	48,226
Signature		Date	November 7, 2001
		Deposit Acct User ID	